USCMS Engineer Status Report for July 2003

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August 11, 2003

1 Work Performed This Month

We continue the development for the MONARC simulation framework and building test cases to verify the system. These tests were done for the networking part as well as for the Database servers and the network file servers.

I changed a part of the networking system in the MonALISA service to work in case it is used from behind a firewall. Each MonALISA service needs at least 3 ports to be open in the firewall and these ports can be selected by the user. The ports to be used by clients or other services are now published as JINI attributes for the service. This also allows running multiple MonALISA services on the same host.

The Web Services part in MonALISA was re-implemented using AXIS from apache instead of the GLUE from dynamicmind company.

We corrected a few bugs in the MonALISA services and prepared it for being deployed with the VDT.

We worked for developing a 3D graphical view for the monitoring service and to show connectivity parameters on the map.

2 Links To Supporting Documentation

- The Monarc Simulation framework http://monalisa.cacr.caltech.edu/MONARC/

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- The MonaLisa web page http://monalisa.cacr.caltech.edu

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- The CMS US production repository http://monalisa.cacr.caltech.edu:8080/

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